

PATENT
Atty. Dkt. No. WEAT/0487

IN THE CLAIMS:

Please amend the claims as follows:

1. – 41. (Cancelled)

42. (Currently Amended) An expander tool for use in a wellbore, the expander tool comprising:

a body having at least one recess formed therein; and

a piston assembly disposable in the at least one recess, the piston assembly radially extendable from the body in response to a fluid force, the piston assembly comprising:

a piston housing;

a shaft disposed in the piston housing;

a roller rotationally disposed on the shaft; [[and]]

a bearing assembly disposed on the shaft adjacent an end of the roller, the bearing assembly includes a portion that rotates with the roller and a portion that remains stationary, wherein the bearing assembly is configured to substantially eliminate frictional wear between the roller and the piston housing; and

a sleeve member disposed between the roller and the shaft.

43. (Cancelled)

44. (Cancelled)

45. (Previously Presented) The expander tool of claim 42, wherein the bearing assembly includes a bearing profile matable with a corresponding profile formed in the roller.

PATENT
Atty. Dkt. No. WEAT/0487

46. (Previously Presented) The expander tool of claim 42, further including a cooling channel disposed between the portions of the bearing assembly.

47. (Previously Presented) The expander tool of claim 46, wherein the cooling channel is a helical groove formed in the bearing member.

48. (Previously Presented) The expander tool of claim 47, wherein the cooling channel is a fluid path constructed and arranged to promote the ingress of a fluid therein.

49. (Previously Presented) The expander tool of claim 42, wherein an outer diameter portion of the piston housing includes at least a portion disposed at either end thereof having an outer surface for substantially contacting an inner surface of the recess, the portions having substantial width to prevent tipping of the piston housing in the recess.

50. (Currently Amended) An expander tool for use in a wellbore, the expander tool comprising:

a body having at least one recess formed therein; and

a piston assembly disposable in the at least one recess, the piston assembly radially extendable from the body in response to a fluid force, the piston assembly comprising:

a piston housing;

a shaft disposed in the piston housing;

a roller rotationally disposed on the shaft;

a first bearing member having at least one projection configured to mate with at least one depression formed in fixed to the roller;

a second bearing member disposed adjacent the first bearing member, wherein the second bearing member remains stationary relative to the first bearing member.

PATENT
Atty. Dkt. No. WEAT/0487

51. (Previously Presented) The expander tool of claim 50, wherein the second bearing member fixed to the piston housing.
52. (Previously Presented) The expander tool of claim 50, further including a second bearing assembly disposed on the shaft adjacent another end of the roller.
53. (Previously Presented) The expander tool of claim 52, wherein the second bearing body is locked to the roller assembly by a slot arrangement.
54. (Previously Presented) The expander tool of claim 50, wherein the first bearing member is matable with the roller, thereby rotating with the roller.
55. (Previously Presented) The expander tool of claim 50, wherein the second bearing member is matable with the piston, thereby remaining rotationally stationary relative to the body.
56. (Previously Presented) The expander tool of claim 50, further including a cooling channel between the bearing members.
57. (Previously Presented) The expander tool of claim 50, wherein an outer diameter portion of the piston housing includes at least a portion disposed at either end thereof having an outer surface for substantially contacting an inner surface of the recess, the portions having substantial width to prevent tipping of the piston housing in the recess.
58. (Previously Presented) The expander tool of claim 50, wherein the roller comprises a first roller and a second roller.
59. (Previously Presented) The expander tool of claim 50, wherein the roller and the shaft are constructed and arranged on the piston at an angle relative to a longitudinal axis of the expander tool.

Page 4

457808_1

PATENT
Atty. Dkt. No. WEAT/0487

60. (Previously Presented) An expander tool for use in expanding a tubular in a wellbore, the expander tool comprising:

a body having at least one recess formed therein, the recess having a sliding surface; and

an expansion assembly disposable in the at least one recess and movable relative to the body, the expansion assembly having a housing, wherein an outer diameter portion of the housing includes at least a portion disposed at either end thereof having an outer surface for substantially contacting an inner surface of the recess, the portions having substantial width to prevent tipping of the piston in the recess.

61. (Previously Presented) The expander tool of claim 60, wherein the expansion assembly comprises:

a shaft disposed in the housing;

a roller rotationally disposed on the shaft;

a first bearing member fixed to the roller;

a second bearing member disposed adjacent the first bearing member, wherein the second bearing member remains stationary relative to the first bearing member.

62. (Currently Amended) A method for expanding a tubular body within a wellbore, comprising:

disposing an expander tool in a wellbore proximate the tubular body, the expander tool having an expansion assembly comprising, a piston housing, a roller and shaft arrangement, a first bearing member and a second bearing member disposed adjacent the first bearing member;

extending the expansion assembly radially outward from the expander tool and into contact with the tubular body due to a fluid force; [[and]]

rotating the roller and first bearing member on the shaft relative to the second bearing member and the piston housing as the tubular member is expanded; and

substantially preventing the expansion assembly from tilting back relative to the expander tool during expansion of the tubular body.

63. (Cancelled)

64. (Cancelled)

Please add the following new claims:

65. (New) An expander tool for use in a wellbore, the expander tool comprising:
a body having at least one recess formed therein; and
a piston assembly disposable in the at least one recess, the piston assembly
radially extendable from the body in response to a fluid force, the piston assembly
comprising:
a piston housing;
a shaft disposed in the piston housing;
a roller assembly rotationally disposed on the shaft; and
a bearing assembly disposed on the shaft adjacent an end of the roller,
the bearing assembly includes a portion that rotates with the roller and a portion
that remains stationary, wherein the bearing assembly is configured to
substantially eliminate frictional wear between the roller and the piston housing.
a second bearing assembly disposed on the shaft adjacent another end of
the roller, wherein the second bearing assembly is locked to the roller assembly
by a slot arrangement.

66. (New) The expander tool of claim 65, wherein an outer diameter portion of the
piston housing includes at least a portion disposed at either end thereof having an outer
surface for substantially contacting an inner surface of the recess, the portions having
substantial width to prevent tipping of the piston housing in the recess.

67. (New) The expander tool of claim 42, wherein the sleeve member is configured
to allow the roller to rotate relative to the shaft.